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MAGNETIC TRACK SYSTEM - MAGNETIC TRACK

Rev. Date: 09/23/2026

Project:	Type:
	Comments:



Highlights

The TechoLED Magnetic Track System is a creative and flexible architectural lighting solution. The track has virtually unlimited capability to create shapes and patterns, from simple rectangles to complex curves and circles, including custom radii with both the track and the illuminated modules. Light components, ranging from solid linear, louvre, and wall washer to adjustable spotlights and pendant cylinders, snap into the track magnetically and can be repositioned by hand without tools. It is a superb and creative lighting solution for any modern interior.

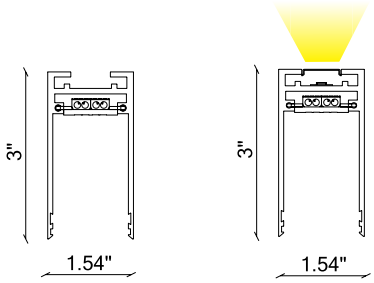
LED: Osram & Cree LED Chips, 2700-5000K, dim-to-warm and tunable white available, 90+ CRI

OPTICAL: Direct and direct/indirect illumination, variety of beam angles available on all spotlight and louvered modules

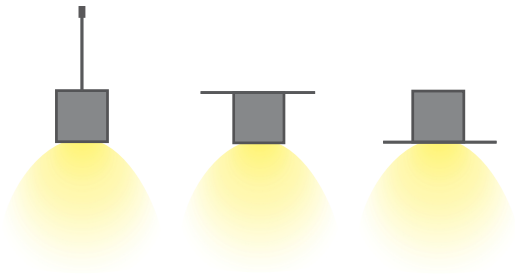
CONSTRUCTION: High-grade aluminum extrusions, 24V remote driver, powder coat finish, curves – standard and custom, continuous linear runs, X, T, L as well as wall-to-ceiling and inner/outer corners available for virtually unlimited patterns, built-in indirect illumination available

5-year limited warranty

Cross Section



Installation



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Configuration Example

Model #	Distribution	Length	Voltage	Finish	Mounting
TECHOLED-MT-D-2-U-W-P	Direct	2'	110-277V	White	Pendant

Ordering Guide:

Select one option from each group below. For a custom preference please contact sales@techoled.com

1-FIXTURE ID		2-DISTRIBUTION		3-LENGTH		4-VOLTAGE	
MT	Single Circuit	D	Direct	2	2´	U	110-277V
MT2	Double Circuit	DI	Direct/Indirect	4	4´		
MTC	Casambi			6	6´		
MTD	Dali			8	8´		
				C	Custom		

5-FINISH		6-MOUNTING		7-INDIRECT COLOR TEMP.	
B	Black	P	Pendant	X	None
W	White	SM	Surface Mount	27	2700K
C	Custom (RAL#)	R	Recessed	30	3000K
		RP	Recessed (mud-in)	35	3500K
				40	4000K
				50	5000K

Project:	Type:
	Comments:

Lumen Output Details

Model #	Distribution	Length	Color Temp.	Wattage	Lumen Output
TECHOLED-MT-D-2-U-W-P-DM-30	Direct	2'	3000K	14W	1120Lm
TECHOLED-MT-D-4-U-W-P-DM-30	Direct	4'	3000K	28W	2240Lm
TECHOLED-MT-D-6-U-W-P-DM-30	Direct	8'	3000K	42W	3360Lm

Performance above applies to 90CRI, 3000K. Calculate 96% for 2700K, 104% for 3500K and 109% for 4000K.

Performance

Output	LPW	Watts/FT	Lumens/FT
Medium	80	7	560

Voltage Details

Code	Description
U	AC 110-277V, DC 24V, Driver not included

Mounting Details

Code	Description
P	Pendant
SM	Surface Mount
R	Recessed (in accessible ceiling only)
RP	Recessed (mud-in)

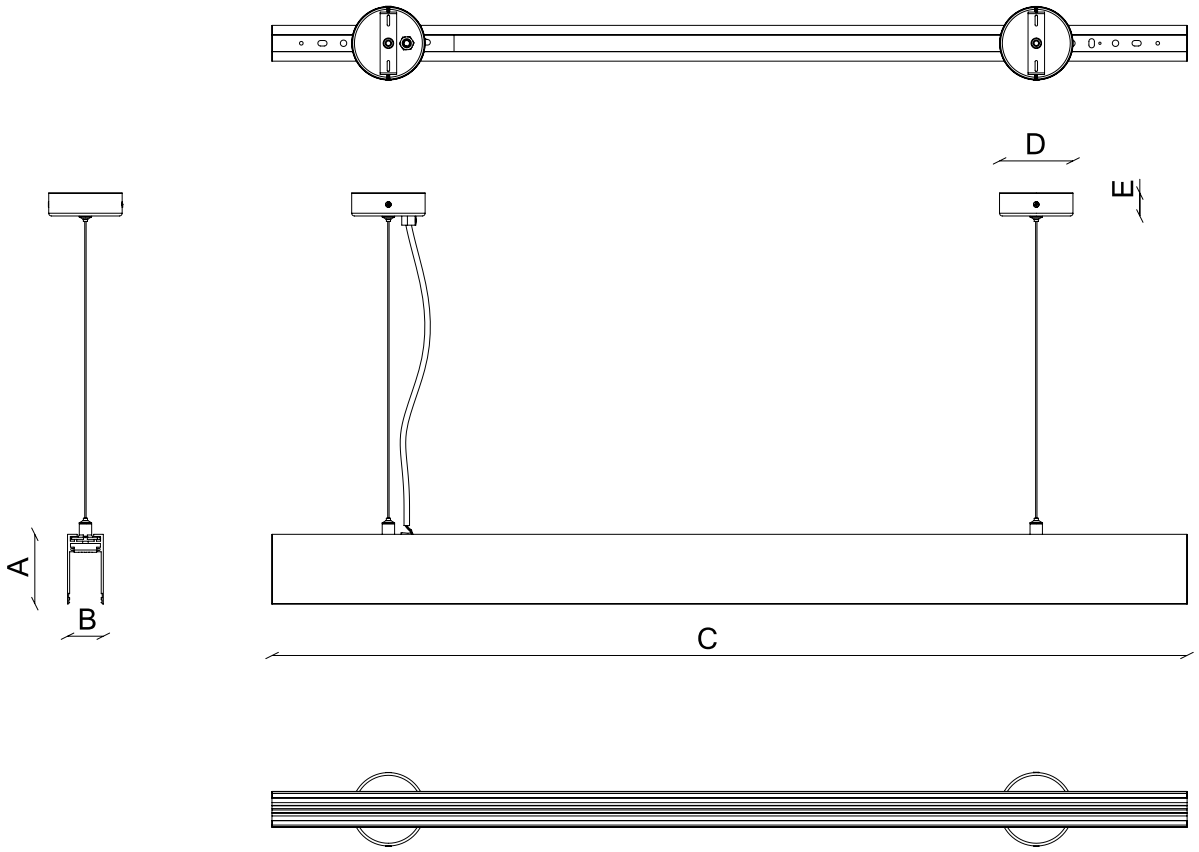
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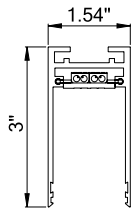
MAGNETIC TRACK SYSTEM - MAGNETIC TRACK

Rev. Date: 09/23/2026

Project:	Type:
	Comments:

Dimension and Mounting - Direct Distribution (D)

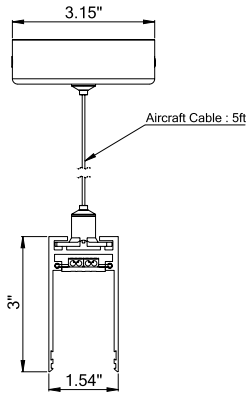


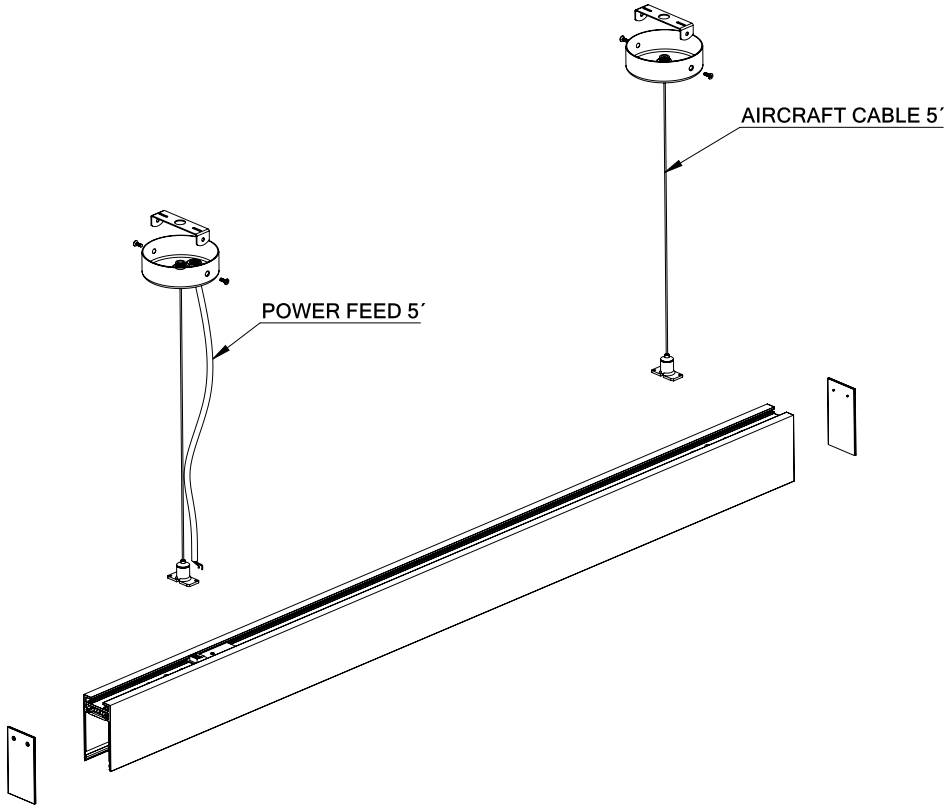


FIXTURE ID	A	B	C	D	E
MT-D-2	3"	1.54"	2'	3.15"	1"
MT-D-4	3"	1.54"	4'	3.15"	1"
MT-D-6	3"	1.54"	6'	3.15"	1"
MT-D-8	3"	1.54"	8'	3.15"	1"

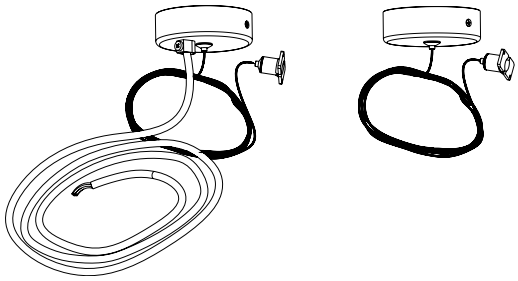
Project:	Type:
	Comments:

Pendant Mounting (D)



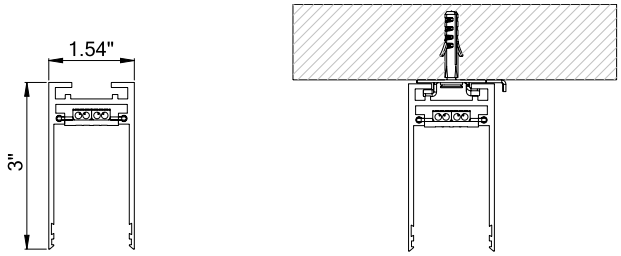


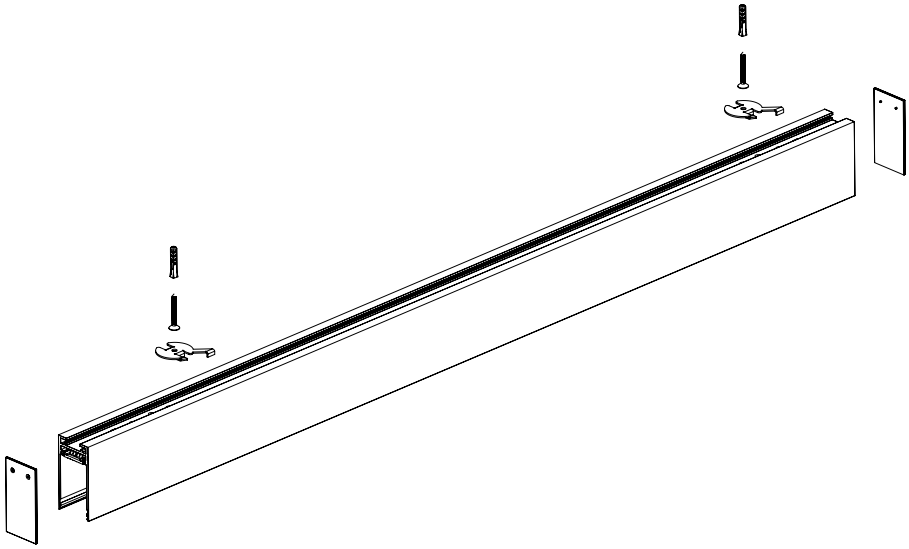
Pendant Mount Kit



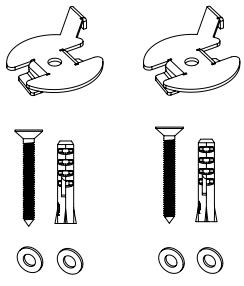
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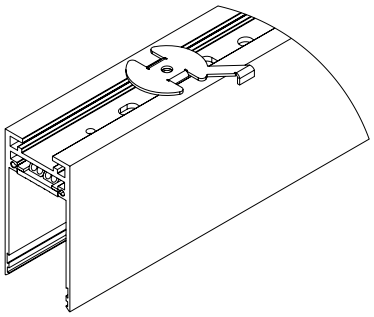
Surface Mount (D)





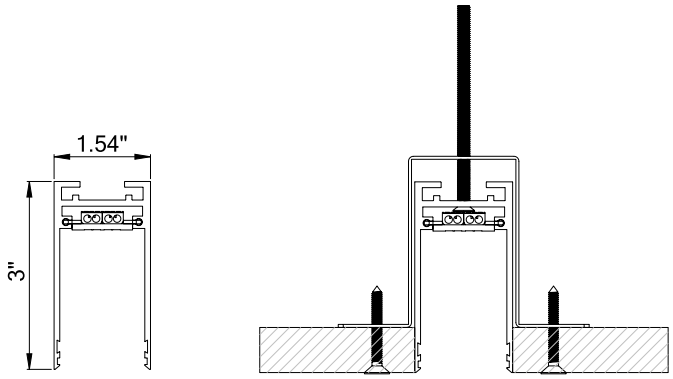
Surface Mount Kit

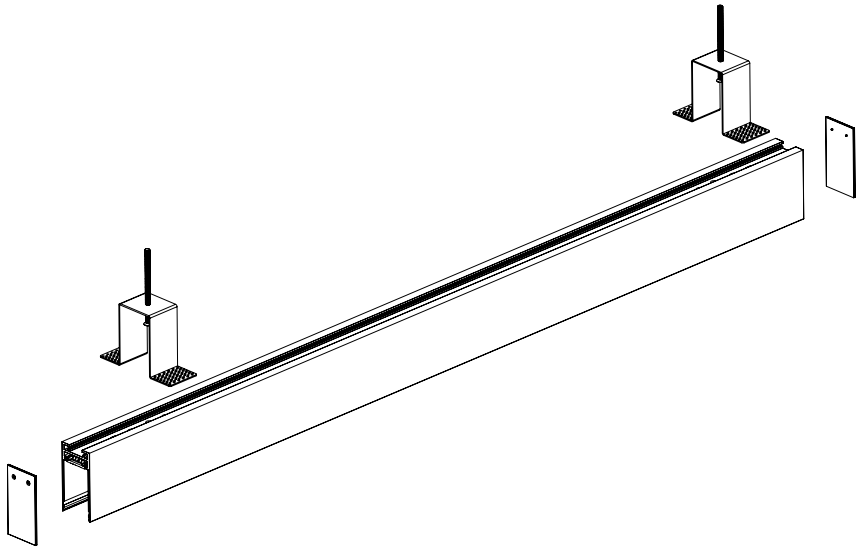




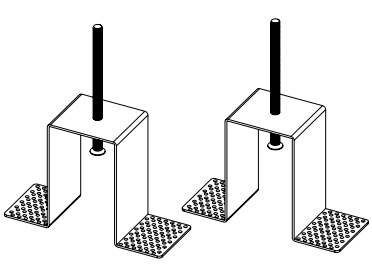
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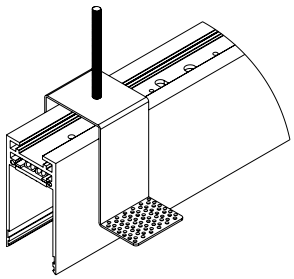
Recessed Mount (D)





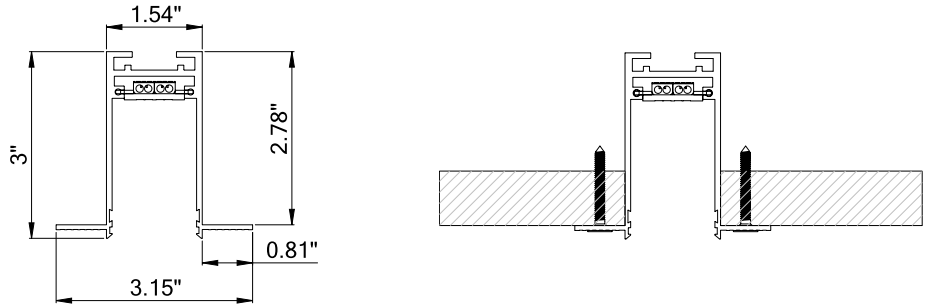
Recessed Mount Kit

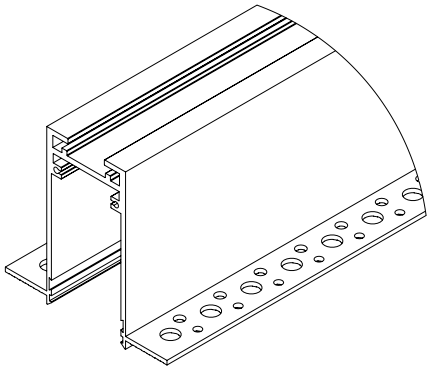




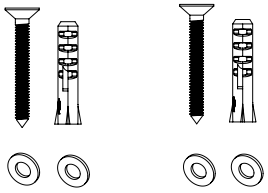
Project:	Type:
	Comments:

No-trim Recessed Mount (D) - mud in





No-Trim Recessed Mount Kit

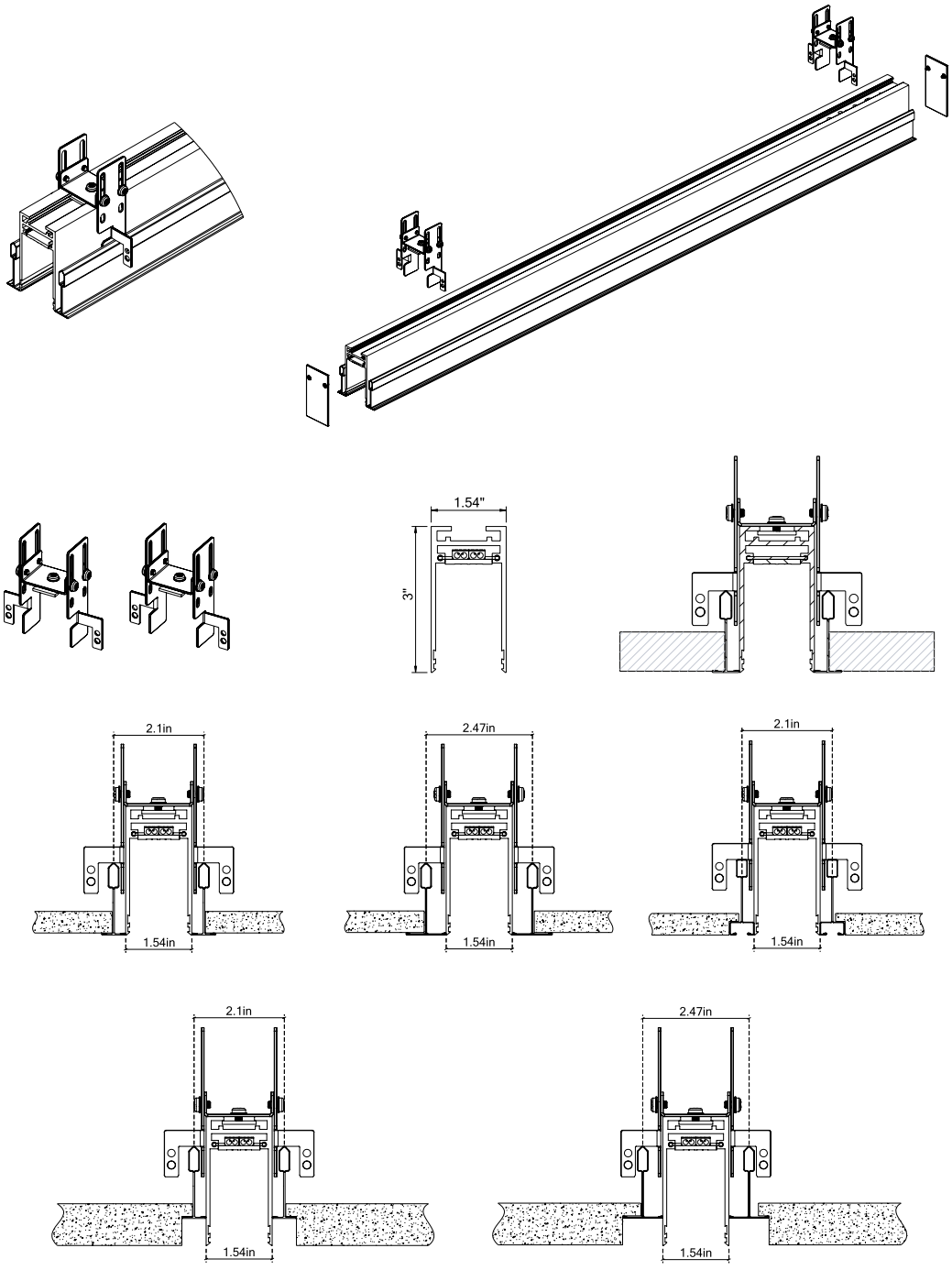


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Recessed T-grid (D)



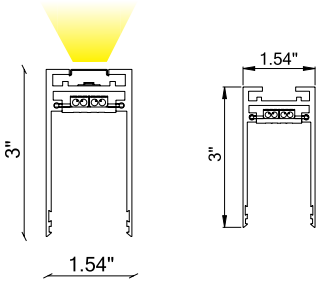
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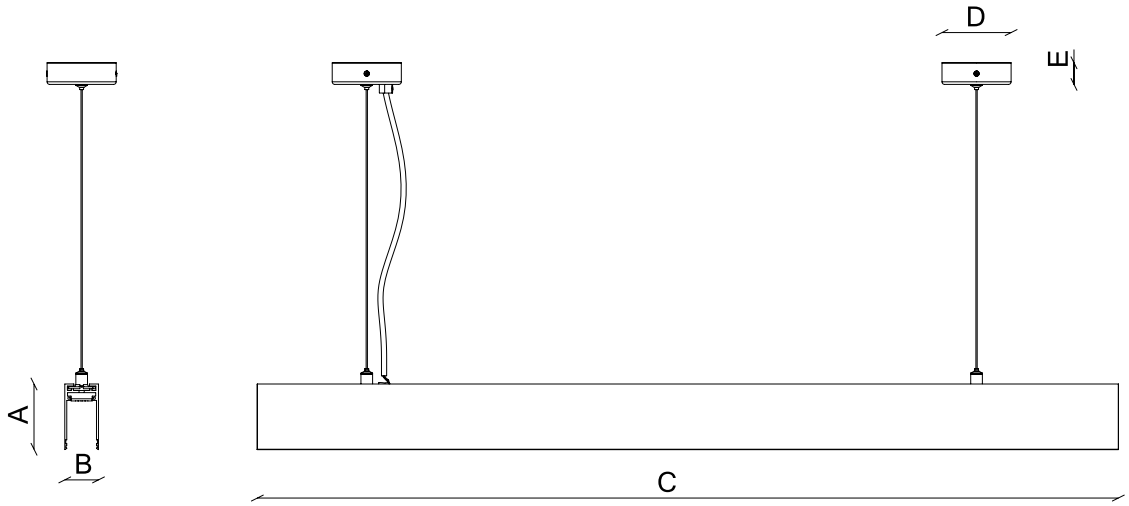
Rev. Date: 09/23/2026

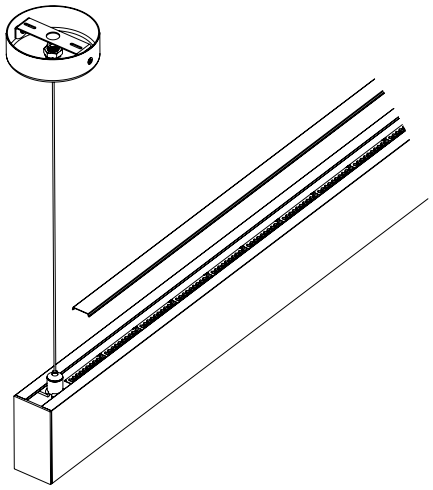
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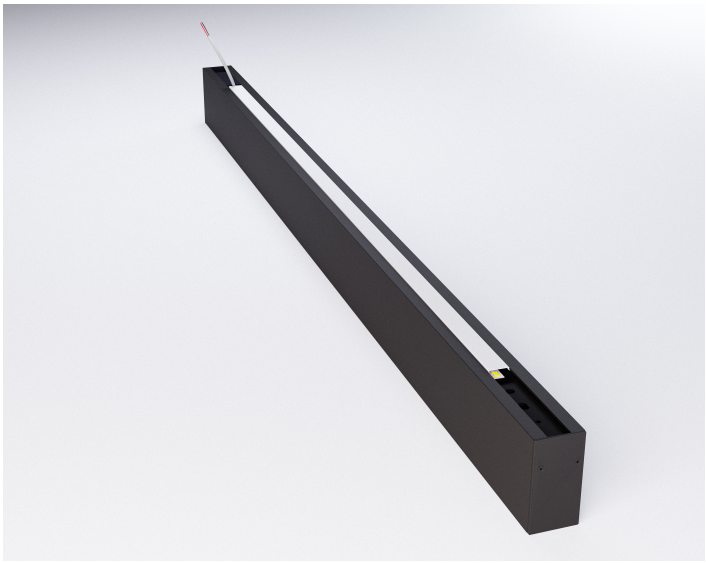
Dimension and Mounting - Direct/Indirect Distribution (DI)



FIXTURE ID	A	B	C	D	E
MT-DI-2	3"	1.54"	2'	3.15"	1"
MT-DI-4	3"	1.54"	4'	3.15"	1"
MT-DI-6	3"	1.54"	6'	3.15"	1"
MT-DI-8	3"	1.54"	8'	3.15"	1"







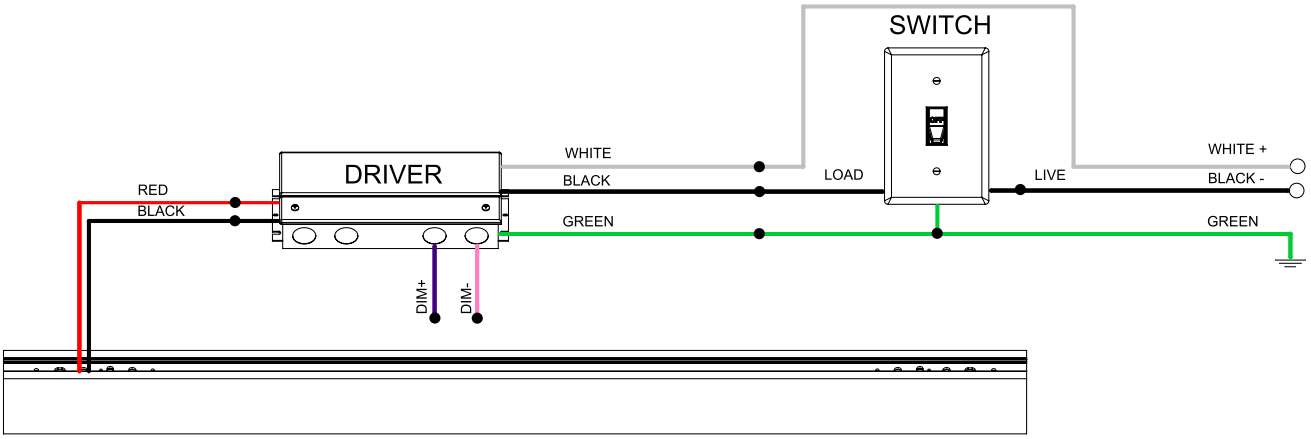
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	Comments:

Wiring Diagram



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Connectors



TECHOLED-MT-5DCORNER

4.33X4.33”

45° sharp corner, for pendant/surface mount and recessedinstallation



TECHOLED-MT-XCORNER

5.59x5.59”

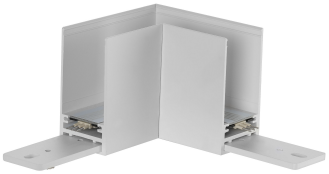
X corner for pendant/surface mount and recessed installation



TECHOLED-MT-TCORNER

5.07x6.25”

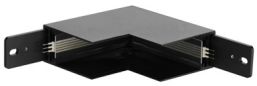
T corner for pendant/surface mount and recessed installation



TECHOLED-MT-LCORNER

3.54x3.54x2.99”

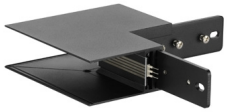
L corner for pendant/surface mount and recessed installation



TECHOLED-MT-INNCORNER

4.84x4.94x2.99”

inner corner for recessed and surface mount installation



TECHOLED-MT-OUTERCORNER

4.84x4.94x2.99”

outer corner for recessed and surface mount installation



TECHOLED-MT-R-LCORNER

3.54x3.54x2.99”

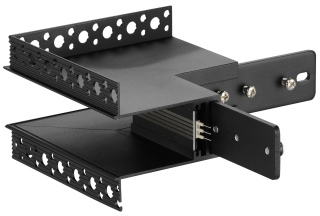
L corner for recessed mud-in installation



TECHOLED-MT-R-INNCORNER

4.84x4.84x2.99”

inner corner for recessed mud-in installation



TECHOLED-MT-R-OUTCORNER

4.84x4.84x2.99”

outer corner for recessed mud-in installation



TECHOLED-MT-RK

3.93x1.49x2.63”

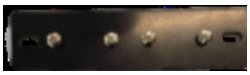
recessed flange ki



TECHOLED-MT-PK

3.14” diameter

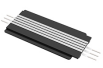
pendant kit



TECHOLED-MT-TC

4.44x1.27x0.11”

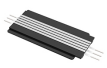
continuos linear run connector



TECHOLED-MT-PP

2.55x1.18”

power plate, with 2 pin connection



TECHOLED-MT-DP

2.55x1.18”

decorative plate



TECHOLED-MT-EC

2.99x1.53x0.05”

end cap



TECHOLED-MT-BC

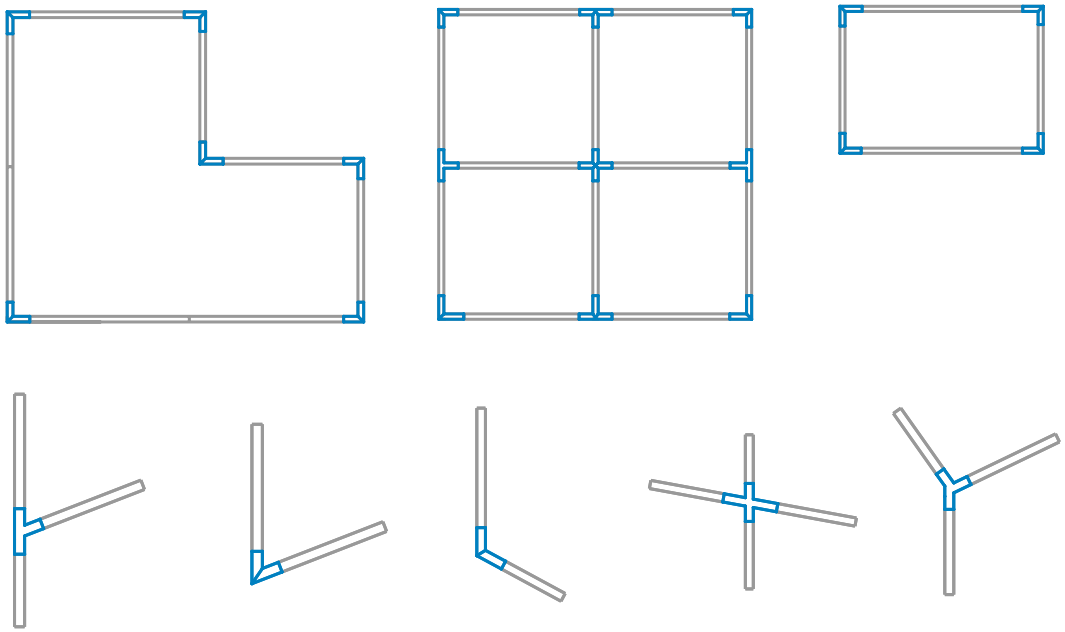
field cuttable

black insert module

Project:	Type:
	Comments:

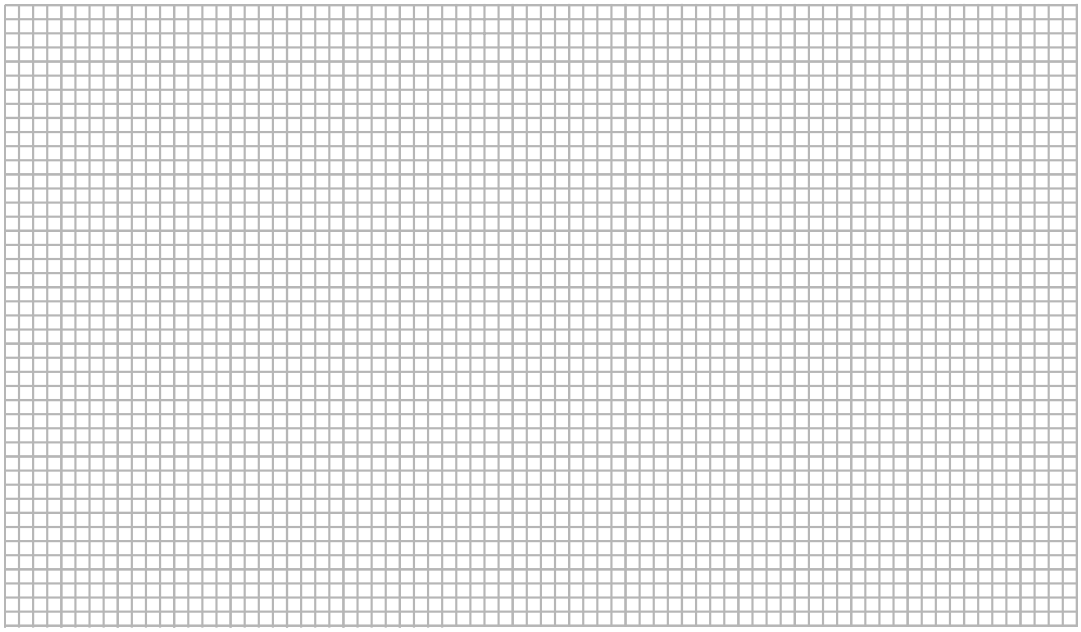
Patterns Option Examples

For a custom pattern please contact sales@techoled.com



Layout Sketch

Please draw your custom pattern plan below.



Project:	Type:
	Comments:

Finish Details (powder coat finish)

Standard Colors

W – White


B – Black

Custom Colors


RAL 1003


RAL 2004


RAL 3000


RAL 4001


RAL 5002


RAL 6000


RAL 6038


RAL 7001

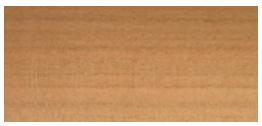

RAL 1036


RAL 8029

Any RAL color available, please refer to ralcolorchart.com

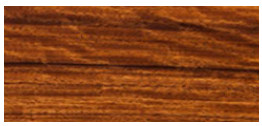
Custom Wooden Colors


American Walnut


Cherry


Maple


Light Oak


Palisander Santos

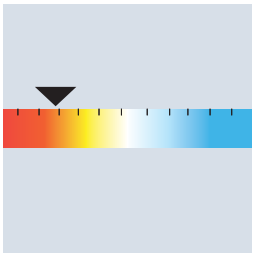
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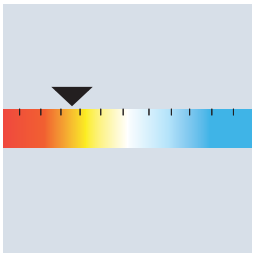
Project:	Type:
	Comments:

Color Temperature

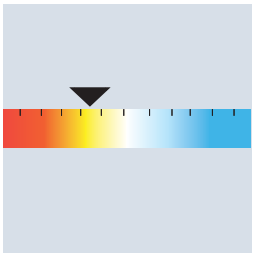
Color Temperature



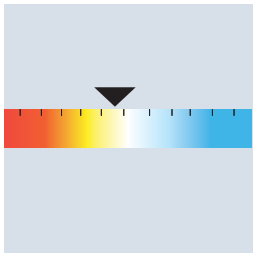
2700K



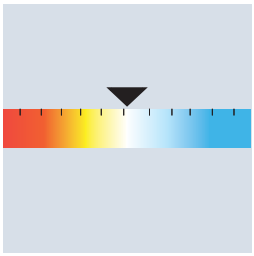
3000K



3500K

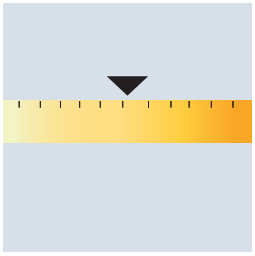


4000K

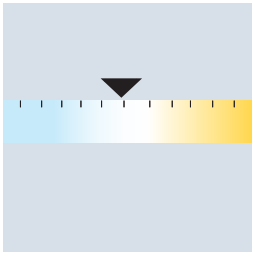


5000K

Tunable White



Dim To Warm



Tunable White